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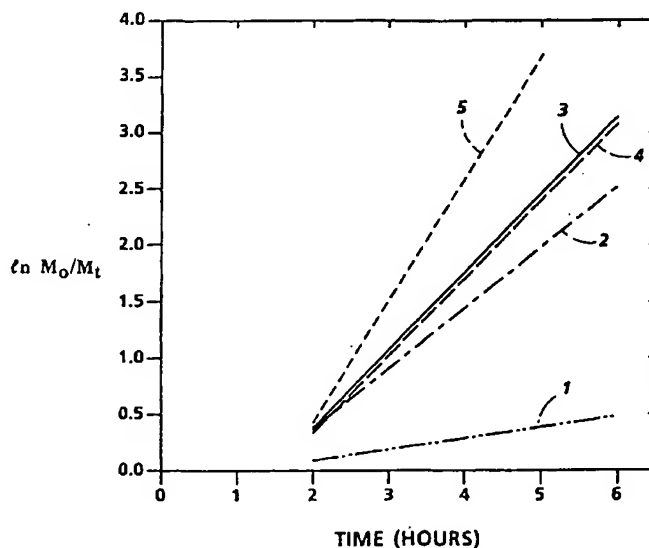
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(54) Rate enhanced polymerization processes for producing polymers having narrow polydispersity

(57) A polymerization process for the preparation of thermoplastic resin or resins comprising heating a mixture comprised of a free radical initiator, a stable free radical agent, at least one polymerizable monomer com-

pound, and a sulfonic acid salt polymerization rate enhancing compound, to form a thermoplastic resin or resins with a high monomer to polymer conversion and a narrow polydispersity.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 2248

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	WO-A-94 11412 (XEROX CORP) 26 May 1994 * the whole document *	1-10	C08F2/38 C08F4/04
D,A	& US-A-5 401 804	1-10	C08F4/28
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P,X	MACROMOLECULES, vol. 28, no. 24, 20 November 1995, COLUMBUS, XP002007955 P.G. ODELL ET AL.: "Rate Enhancement of Living Free-Radical Polymerizations by an Organic Acid Salt" * page 8453 - page 8455 *	1-10	
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 413 (C-1092), 3 August 1993 & JP-A-05 086106 (SEKISUI PLASTICS CO LTD), 6 April 1993, * abstract *	1-3,10	
A	US-A-5 283 153 (SACRIPANTE GUERINO G ET AL) 1 February 1994 * column 10, line 35 - line 42; claims *	1-3,10	TECHNICAL FIELDS SEARCHED (Int.Cl.6) C08F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 August 1996	Examiner Kaumann, E
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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